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Date May 7, 2002

To OIPE
Commissioner for Patents
Washington DC 20231

Facsimile number 11540-00500001 / 1-703-746-4060

From Eric L. Prahl

Re MULTIPLE-SOURCE ARRAYS WITH OPTICAL TRANSMISSION ENHANCED
BY RESONANT CAVITIES
Applicant: Henry A. Hill
Application No.: 09/917,400
Filing Date: July 27, 2001
Country: United States
Your Ref.: ZI-18 Optical Cavity/Near-Field
Our Ref.: 11540-005001

Number of pages
including this page 14

Message

NOTE: This facsimile is intended for the addressee only and may contain privileged or confidential information. If you have received this facsimile in error, please immediately call us collect at 617 542-5070 to arrange for its return. Thank you.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

Application Number	Filing Date	First Named Applicant	Atty. Docket No.
09/917,400	07/27/2001	Hill, Henry	11540-005001

ERIC L. PRAHL
Fish & Richardson P.C.
225 Franklin Street
Boston MA 02110-2804

RECEIVED

APR 9 6 2002

FISH & RICHARDSON, PC.
BOSTON OFFICE

Title: Multiple-source arrays with optical transmission enhanced by resonant cavities

Date Mailed: 04/22/2002

Request for Substitute Papers

The papers filed on 01/17/02 (certificate of mailing dated 10/22/01) are no longer in condition to become part of the permanent records of the United States Patent and Trademark Office (USPTO) for this application (37 CFR 1.52(a)) due to the United States Postal Service sanitization process.

The USPTO requests that applicant provide a copy of the above-identified papers (except for any U.S. or foreign patent documents submitted with the above-identified papers) with a statement that such copy is a complete and accurate copy of the above-identified papers (signing and returning a copy of this notice will provide such a statement). The reply to this letter should be submitted to the USPTO by facsimile at the number indicated **703-746-4060(OIPE)**.

Alternatively, the reply to this letter may be hand-carried to the Customer Service Window located in Room 1B03 of Crystal Plaza Building 2, Arlington, Virginia, 22202.

The USPTO **strongly** prefers that the reply to this letter be submitted by facsimile. However, if applicant cannot submit the reply to this letter by facsimile (or hand-delivery), the reply may be mailed to: Box Duplicate OIPE, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-2327.

This letter is not a notice under 37 CFR 1.251. However, failure to timely reply to this notice within **two (2) weeks** of the date of receipt of this letter may result in the USPTO issuing a notice under 37 CFR 1.251. **A copy of this notice should be included with the reply.**

The enclosed papers are a complete and accurate copy of the above-identified papers.

Name: ERIC L. PRAHL Registration No.: 32,590
Signature: [Signature] Date: 5/8/02

05/08/02 11:28

6175428906

F R BOSTONQ

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FR FISH & RICHARDSON P.C.

225 Franklin Street
Boston, Massachusetts
02110-2804

c134935

PAY

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DOLLARS

TO THE ORDER OF

DATE

AMOUNT

COMMISSIONER OF PATENTS AND TRADEMARKS

10/18/01 597.

FISH & RICHARDSON P.C.

53-153/112



Fleet

FLEET MAINE, N.A.
SOUTH PORTLAND, ME

BY

*[Signature]**1154X-005001X*

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PATENT

11540-005001

ATTORNEY DOCKET NO.:

The Patent and Trademark Office date stamp sets forth the date of receipt of:

Applicant or Patentee Henry A. HillNo. (Application, Appeal, Interference, Patent, Reexam) 09/917,400Filing or Issue Date July 27, 2001Title: MULTIPLE SOURCE ARRAYS WITH OPTICAL TRANSMISSION ENHANCE☐ Transmittal Letter (2 Copies) ☐ With Pet. for Ext.☐ Assignment ☐ Status Inquiry☒ Amendment/Response 2 Pages ☐ Declaration☐ Maintenance Fee ☐ Request Certificate of Correction☒ Check \$ 597.00 ☐ Notice of Appeal☐ Deposit Account Order Form (2 Copies) ☐ Appeal Brief (3 Copies) Pages☐ Issue Fee ☐ Request Patent Copies ☐ Petition for Extension Time☐ Information Disclosure Statement☐ PTO 1449 Form- Pages☐ Prior Art References-Number of References ☐ Drawings Sheets Formal Sheets Informal Sheets Amended☒ Notice of Missing Parts☒ Combined Declaration and Power of Attorney☐ Small Entity Statement☒ Other Limited Recognition

Atty/Sec

Initials

F.L.P./mz

Client/

Matter Name

Zetetic/ZI-18

Date

11/22/01

FISH & RICHARDSON P.C.

225 Franklin Street
Boston, Massachusetts
02110-2804

c134934

PAY

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COMMISSIONER OF PATENTS AND TRADEMARKS

DATE

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FISH & RICHARDSON P.C.

53-153/112

FLEET MAINE, N.A.
SOUTH PORTLAND, ME

BY

11540-005001-11
134934 1011201539 80 071 123

PATENT

ATTORNEY DOCKET NO.:

11540-005001

The Patent and Trademark Office date stamp sets forth the date of receipt of:

Applicant or Patentee Henry A. HillNo. (Application, Appeal, Interference, Patent, Reexam) 09/917,400Filing or Issue Date July 27, 2001Title: MULTIPLE SOURCE ARRAYS WITH OPTICAL TRANSMISSION ENHANCE

- ☐ Transmittal Letter (2 Copies) ☐ With Pet. for Ext.
☒ Assignment ☐ Status Inquiry
☐ Amendment/Response _____ Pages ☐ Declaration
☐ Maintenance Fee ☐ Request Certificate of Correction
☒ Check \$ \$40.00 ☐ Notice of Appeal
☐ Deposit Account Order Form (2 Copies) ☐ Appeal Brief (3 Copies) _____ Pages
☐ Issue Fee ☐ Request Patent Copies ☐ Petition for Extension Time
☐ Information Disclosure Statement
☐ PTO 1449 Form _____ Pages
☐ Prior Art References-Number of References _____
☐ Drawings _____ Sheets Formal _____ Sheets Informal _____ Sheets Amended
☐ Notice of Missing Parts
☐ Combined Declaration and Power of Attorney
☐ Small Entity Statement
☒ Other Limited recognition

Atty/Sec _____ Client/
Initials ELP/mzw Matter Name Zetetic/ZI-18

Date

10/22/01

Attorney's Docket No.: 11540-005 ZI-18 Optical Cavity/Near-Field

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Henry A. Hill
Serial No. : 09/917,400
Filed : July 27, 2001
Title : MULTIPLE-SOURCE ARRAYS WITH OPTICAL TRANSMISSION
ENHANCED BY RESONANT CAVITIES

Art Unit : 2881
Examiner : Unknown

BOX MISSING PARTS
Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

In response to the Notice to File Missing Parts of Application under 37 CFR §1.53(b) mailed September 25, 2001 (copy enclosed), applicant as a small entity submits herewith the following:

- ☒ Payment of the basic filing fee of \$370;
- ☒ Payment of the additional/multiple dependent claims fees of \$162;
- ☒ Payment of \$65 surcharge for filing the basic filing fee and declaration on a date later than the filing date of the application;
- ☒ Combined Declaration and Power of Attorney in compliance with 37 CFR §1.63;

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(u) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

Signature

Laura Murphy
Typed or Printed Name of Person Signing Certificate

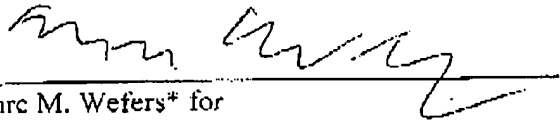
Applicant : Henry A. Hill
Serial No. : 09/917,400
Filed : July 27, 2001
Page : 2

Attorney's Docket No.: 11540-005001 / 21-18 Optical
Cavity/Near-Field

It is understood that this perfects the application and no additional papers or filing fees are required. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 10/22/01


Marc M. Wefers* for
Eric L. Pahl
Reg. No. 32,590

Fish & Richardson P.C.
225 Franklin Street
Boston, Massachusetts 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 10.9(b).

20332189.doc

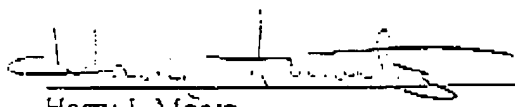
BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATE PATENT AND TRADEMARK OFFICE

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Marc M. Wefers is hereby given limited recognition under 37 CFR § 10.9(b) as an employee of Fish & Richardson P.C. to prepare and prosecute patent applications wherein the patent applicant is the client of Fish & Richardson P.C. and the attorney or agent of record in the applications is a registered practitioner who is a member of Fish & Richardson P.C. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Marc M. Wefers ceases to lawfully reside in the United States, (ii) Marc M. Wefers' employment with Fish & Richardson P.C. ceases or is terminated, or (iii) Marc M. Wefers ceases to remain or reside in the United States on an H-1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: December 22, 2001


Harry I. Moatz

Director of Enrollment and Discipline

COPY OF PAPERS
ORIGINALLY FILED
07/17/02

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/917,400	07/27/2001	Henry A. Hill	11540-005001

CONFIRMATION NO. 2582

FORMALITIES LETTER



00000000008788414

ERIC L. PRAHL
Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804

Date Mailed: 09/25/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

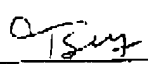
FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$324.
 - \$324 for 18 total claims over 20.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1164.

*A copy of this notice **MUST** be returned with the reply.*


Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE